a workpiece stage 106 for moving the mounted workpiece to the irradiating position of the beam, and a workpiece conveying apparatus 107 for conveying the workpiece to the workpiece stage 106. The essential processing elements making up a charged particle beam device are the optical system controller 103 and the vacuum evacuation unit 105, and the other processing elements are used when needed.--

Please replace the paragraph beginning at page 8, line 3, with the following paragraph:

--The separation means 110 is preferably a computer having a CPU 111, a display 112, a memory 113 storing a program for the CPU 111, an input device such as a keyboard 114, a dedicated path 115, and network cards 116 and 117. The path 115 is connected to a device-side LAN 101 and a factory-side LAN 109 via the network cards 116 and 117. Further, the path 115 is connected to a storage device 118 as a storing means for storing shared data requiring no confidentiality.--

IN THE CLAIMS:

Kindly amend claims 1-5 as follows:

1. (Amended) A network system comprising: a first LAN; a second LAN; storage means for storing data accessible from the first LAN and the second LAN; and control means for

controlling accessibility of the data stored in the storage means from the first LAN and the second LAN, the control means including access prevention means for preventing access from the first LAN to the second LAN and from the second LAN to the first LAN.

2. (Amended) A network system according to claim 1; wherein the control means includes means for overriding a setting of the access prevention means to allow accessibility of the second LAN from the first LAN.

3. (Amended) A network system according to claim 2; wherein the first LAN comprises a LAN on a factory side and the second LAN comprises a LAN on a device side.

4. (Amended) A network system according to claim 3; further comprising communication means for communicating the second LAN to a remote service center to allow remote maintenance of the second LAN.

5. (Amended) A network system according to claim 4; wherein the second LAN comprises a manufacturing apparatus.

Kindly add the following new claims 6-31:

6. A network system according to claim 1; wherein the first LAN comprises a LAN on a factory side and the second LAN comprises a LAN on a device side.

7. A network system according to claim 1; further comprising communication means for communicating the second LAN to a remote service center to allow remote maintenance of the second LAN.

8. A network system according to claim 1; wherein the second LAN comprises a manufacturing apparatus.

9. A network system according to claim 1; wherein the second LAN comprises an inspection apparatus.

10. A network system according to claim 1; wherein the second LAN comprises a charged particle beam apparatus.

11. A network system according to claim 2; further comprising communication means for communicating the second LAN to a remote service center to allow remote maintenance of the second LAN.

12. A network system according to claim 2; wherein the second LAN comprises a manufacturing apparatus.

13. A network system according to claim 2; wherein the second LAN comprises an inspection apparatus.

14. A network system according to claim 2; wherein the second LAN comprises a charged particle beam apparatus.

15. A network system according to claim 3; wherein the second LAN comprises a manufacturing apparatus.

16. A network system according to claim 3; wherein the second LAN comprises an inspection apparatus.

17. A network system according to claim 3; wherein the second LAN comprises a charged particle beam apparatus.

18. A network system according to claim 4; wherein the second LAN comprises an inspection apparatus.

19. A network system according to claim 4; wherein the second LAN comprises a charged particle beam apparatus.

20. A network system comprising: a first data transmission network; a second data transmission network; a storage device for storing data; and control means for controlling independent accessibility of the data stored in the storage device from the first data transmission network and the second data transmission network without allowing access from the first data transmission network to the second data transmission network and from second data transmission network to the first data transmission network.

21. A network system according to claim 20; wherein the first data transmission network comprises a first local area network and the second data transmission network comprises a second local area network.

22. A network system according to claim 21; wherein the first local area network is connected to the second local area network via a transmission control protocol/internet protocol.

23. A network system according to claim 22; wherein the control means comprises a first network card driver for transmitting a signal from the first local area network to the storage device to allow access of the data in the storage device by the first local area network, and a second network card driver for transmitting a signal from the second local area network to the storage device to allow access of the data in the storage device by the second local area network.

24. A network system according to claim 21; further comprising communication means for communicating the second local area network to a remote service center to allow remote maintenance of the second local area network.

25. A network system according to claim 24; wherein the communication means does not permit access of the first local area network by the remote service center.

26. A network system according to claim 21; wherein the control means comprises an input device for inputting data corresponding to a setting allowing accessibility of the second local area network from the first local area network.

27. A network system according to claim 20; further comprising communication means for communicating the second data transmission network to a remote service center to allow remote maintenance of the second data transmission network.

28. A network system according to claim 27; wherein the communication means does not permit access of the first data transmission network by the remote service center.

29. A network system according to claim 20; wherein the second data transmission network comprises a manufacturing apparatus.

30. A network system according to claim 20; wherein the second data transmission network comprises an inspection apparatus.

31. A network system according to claim 20; wherein the second data transmission network comprises a charged particle beam apparatus.